PC Programmable remote control

User Manual (USB mode)

**NOTE, some images may vary from software or remote function. Function wise, will be accurate.*

Quick Guide

First Step

- Prepare PC programmable remote contro l and install 3pcs AAA battery.(When connecting to PC, please take out of battery.)
- Prepare USB cable and connect USB remote control to the USB port of PC.
- Downloading and installing software in your PC(windows OS).

Second Step

- Code Select from database
- Program (Write)

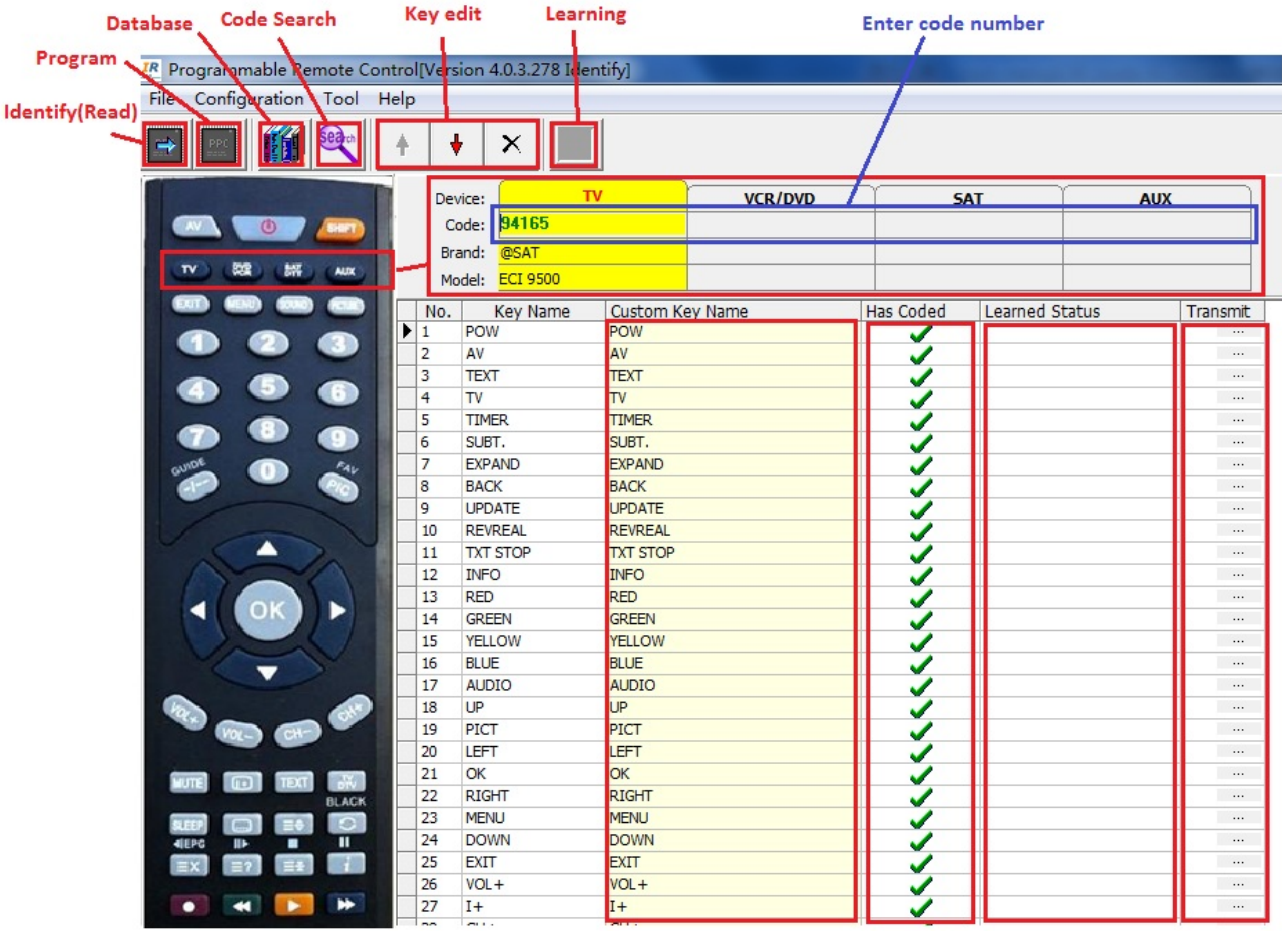


Photo 1

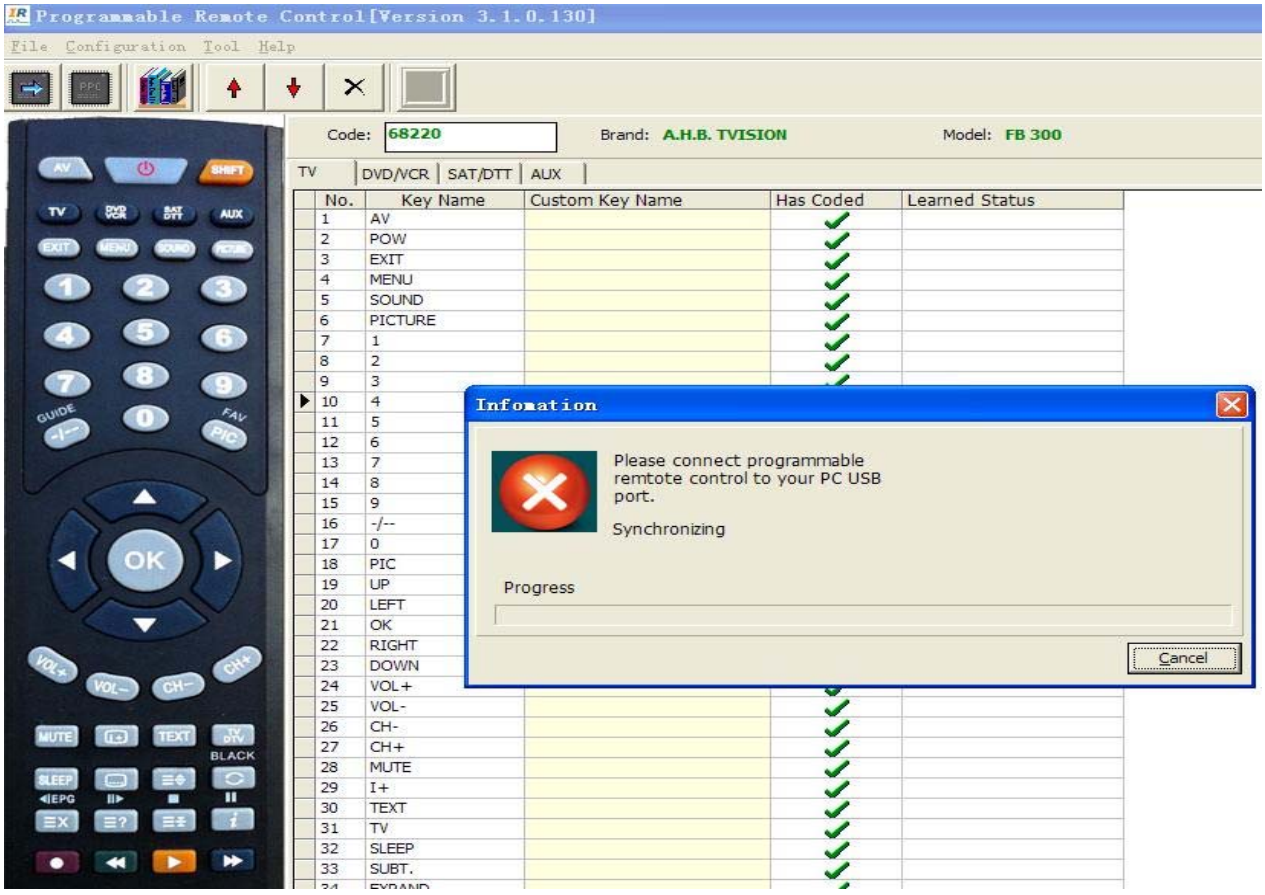


Photo 2 Program

Description

1) PC programmable remote control is an up date product for traditi onal universal remote control. Its main difference and characteristic is the IR code database source.

Universal remote control contains IR code database in itself. PC programmable remote database is stored in PC or we b server. So PC programmabl e remote has no risk to b e out of date.

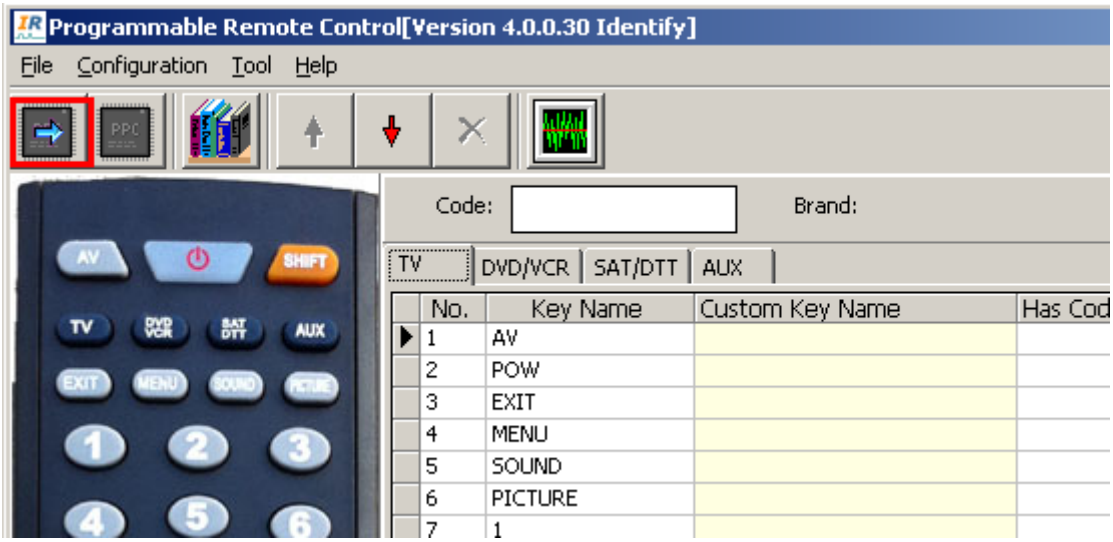
USB mode, please see below diagram.

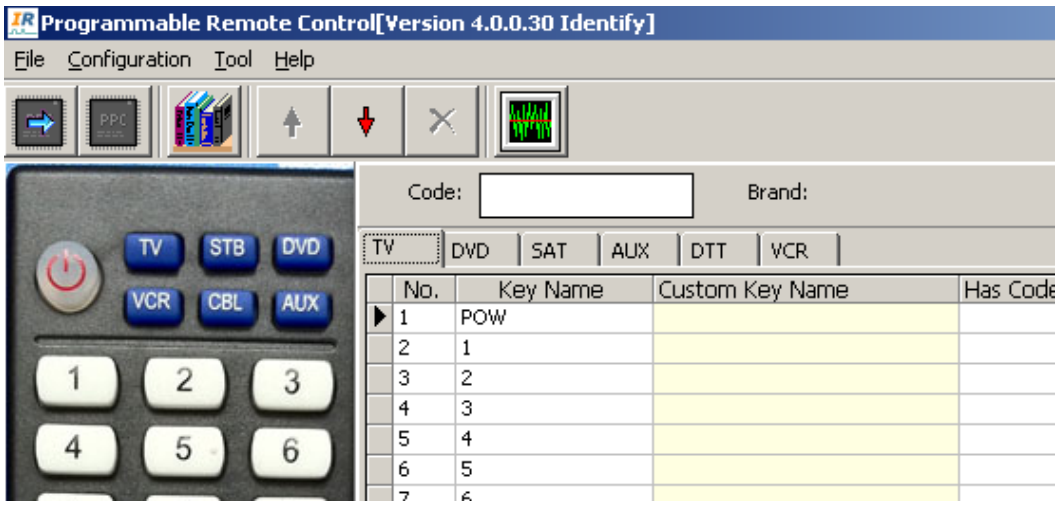
- Software

PC hardware request:

- CPU: 800MHZ and above
- RAM: 256Mbytes and above
- Hard diask, 4G bytes and above
- Operation system: Win 2000, Windows XP, Windows Vista, Windows 7.

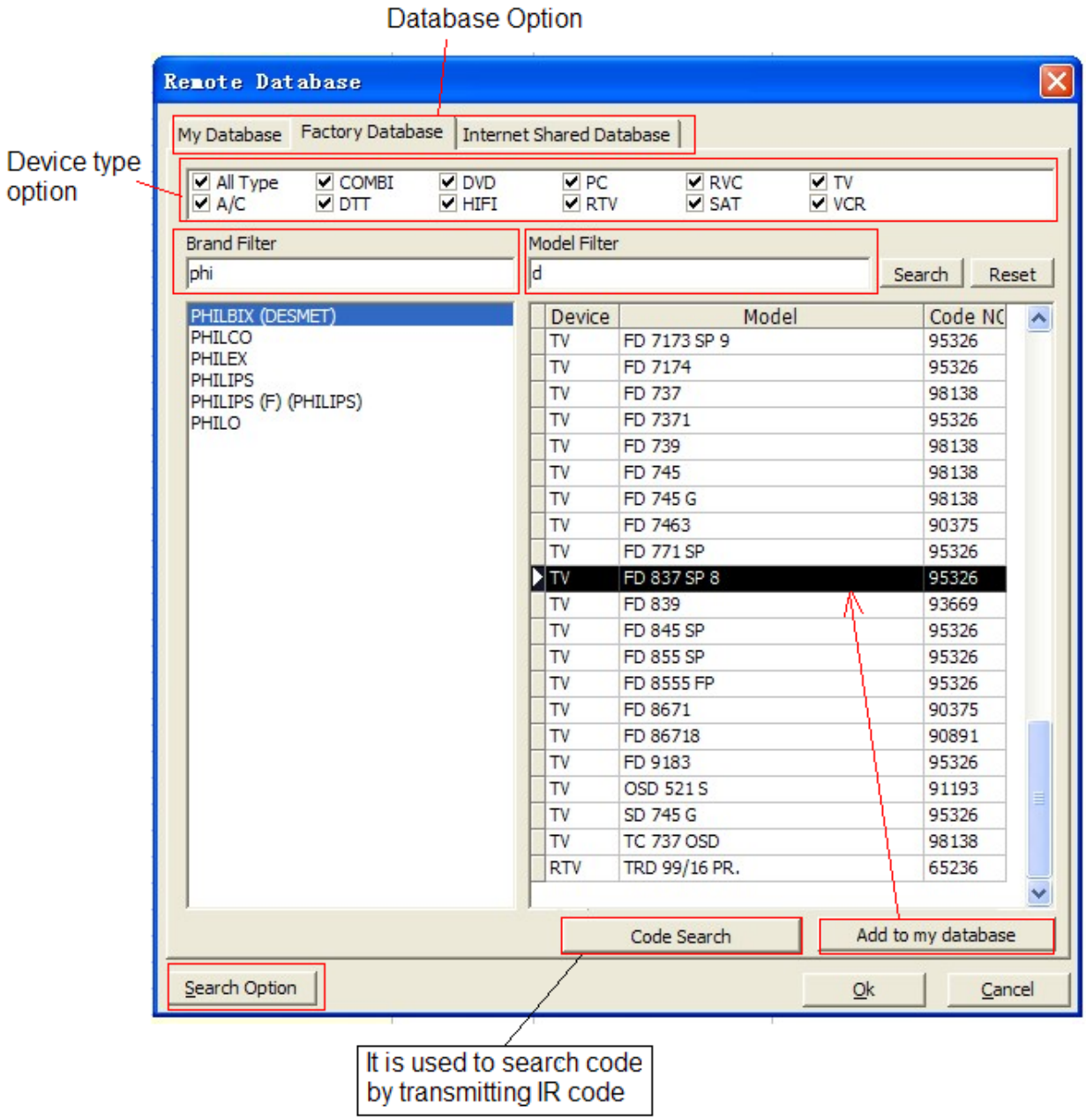
Code Learn



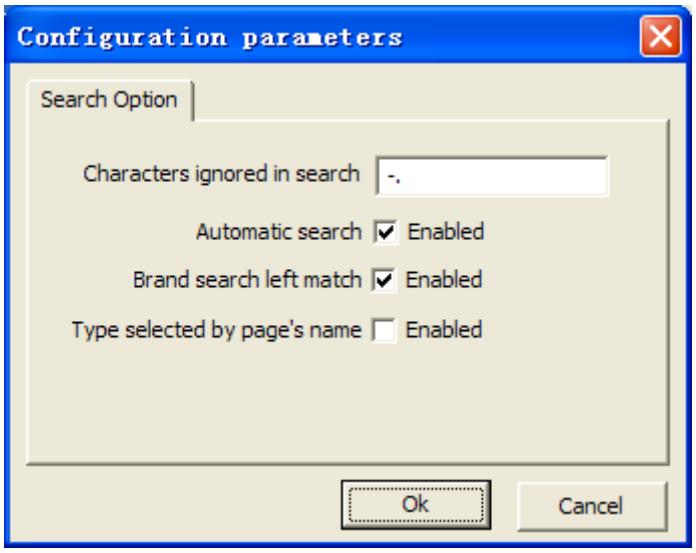


* Search and select code in database

A) Please see photo 1 and find “Database” menu button, a fter pressing “Database” button, it appears below photo.



(1) My Database, Factory Database, Internet Shared Database
(2) Device type option
(3) Brand Filter, Model Filter,
The search result is different according to “Search Option”.
(4) Search Option



------Characters ignored in search, this is for Brand filter and Model Filter.

------Automatic search, means the result will change according to the characters entered if “enabled”.

------Brand search left match, means it is only searched from prefix if “enabled”. If “enabled” is not selected, the entered characters will be searched anywhere.

------Type selected by page’s name,

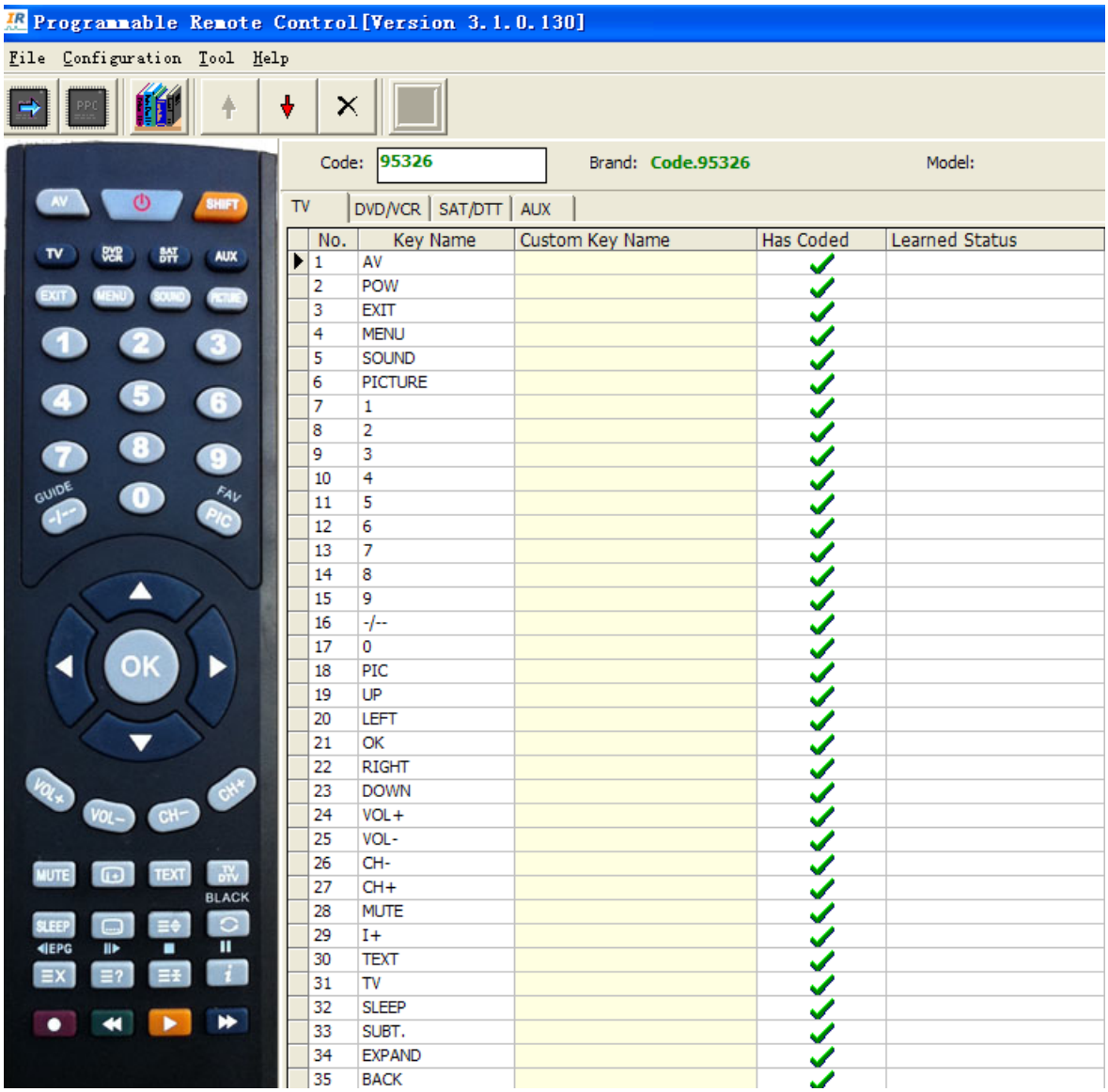
(5) Code Search

Please see Item 7, “Code Search”.

(6) Add to my database

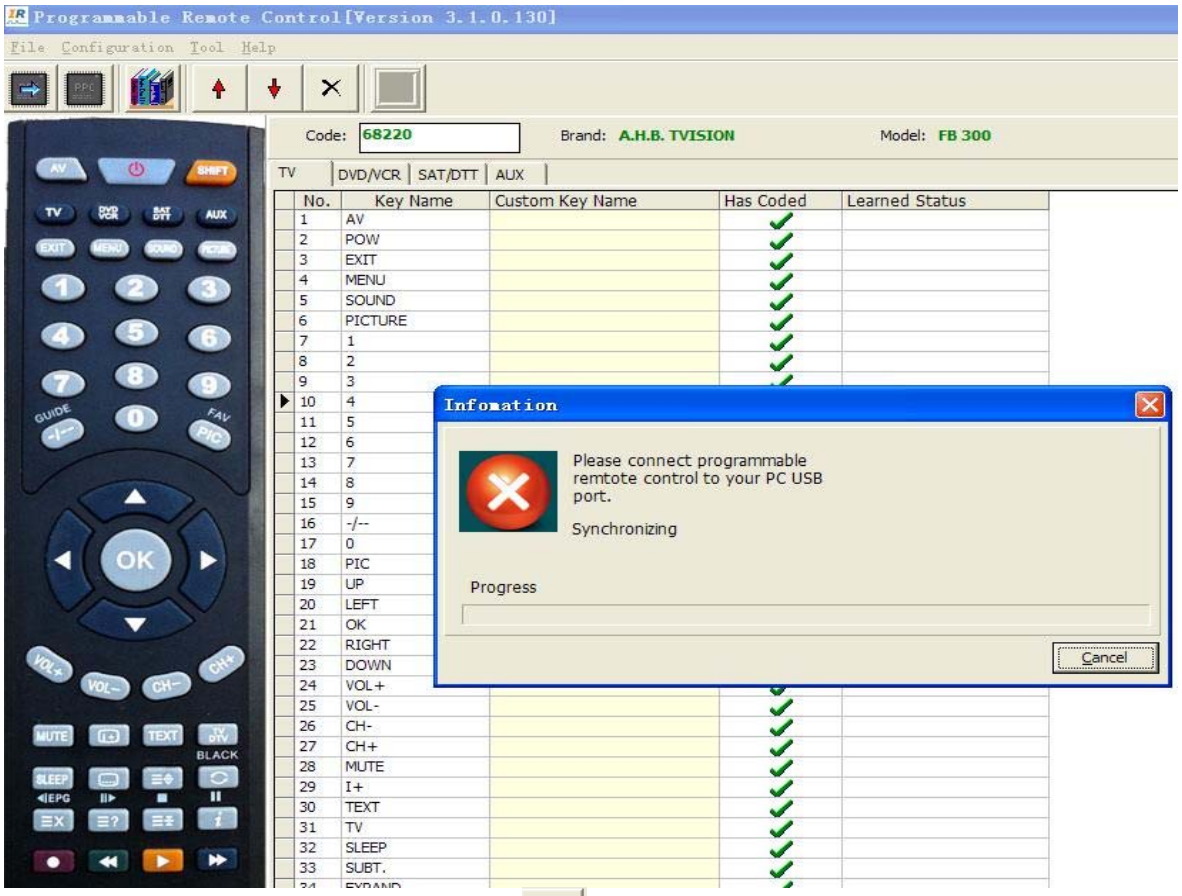
Please refer to Item 6, “Manage database”.

B) Once one of code is selected, you can press OK, then it will appear in the list of “Has coded”, in the meantime, Code number, brand and model name is displayed.



Then select one code for each device bank as shown above, TV, VCR/DVD, SAT and AUX.

C) Program(write)



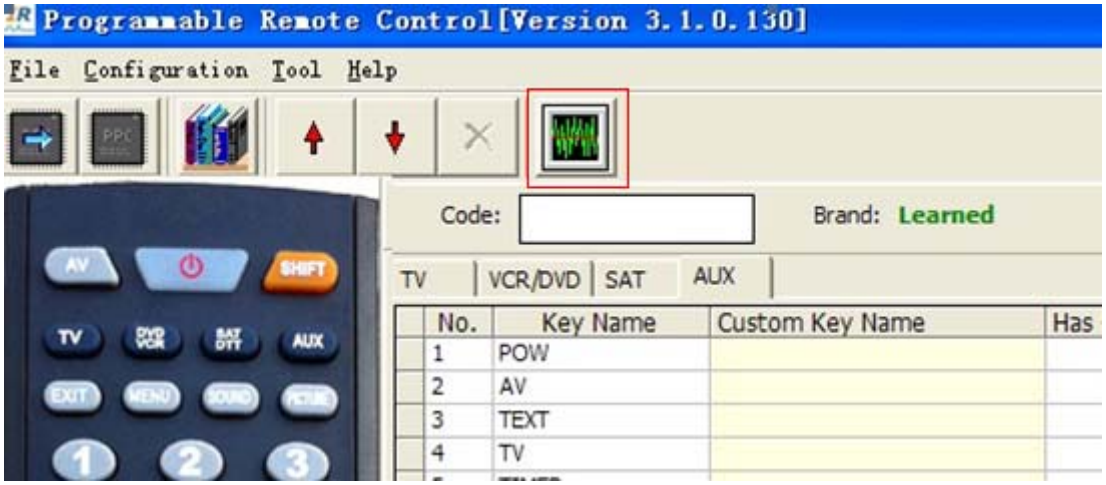
After all codes are decided, pres s “ Program” menu button, place remote toward the USB remote control head to head, press ”l eft” and “right” button simultaneously, the n appear above photo. After it finishes, program(write) succeed.

* Search by code number

If you remember the code number, you enter the code number, the code will appear in the table immediately.

1) Press the learning button in software as below.

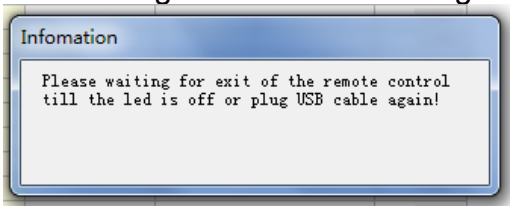
After USB remote co ntrol is connected to PC correctly, will bec ome green from gray color .



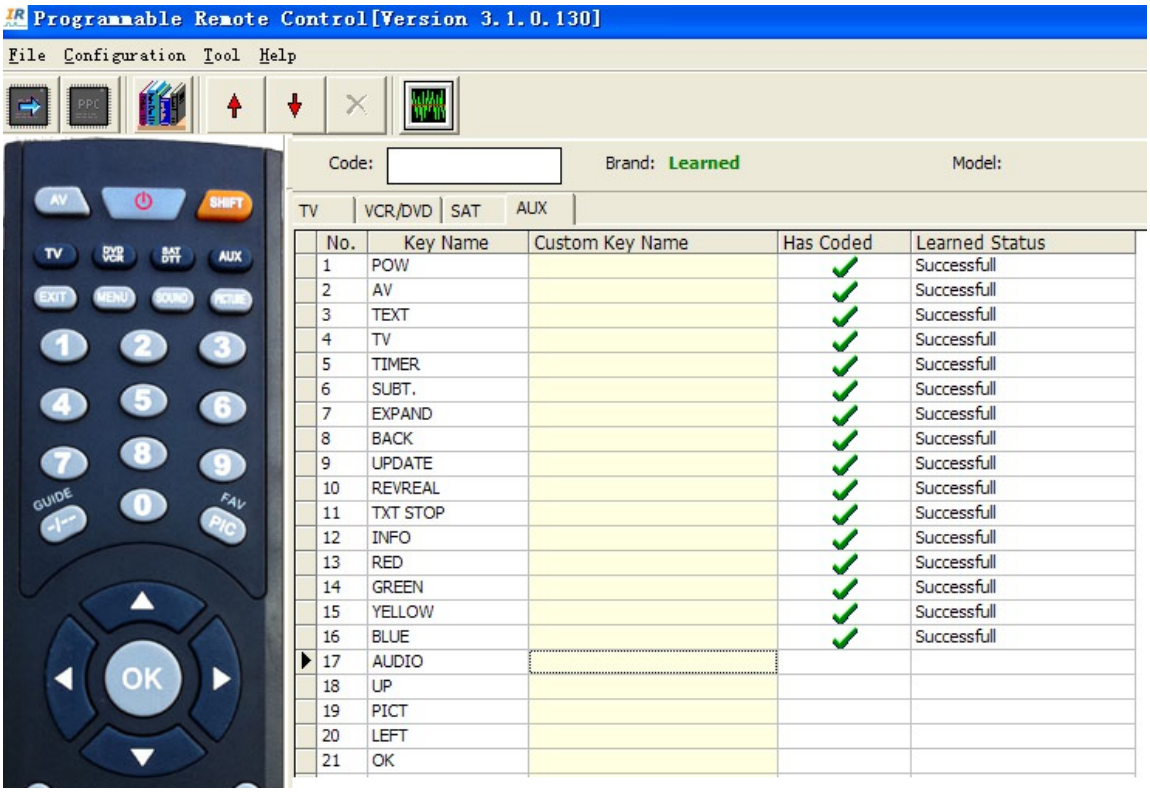
2) Place the original remote control toward the USB remote control, leave 2-10cm.

3) Then, place the cursor to the key line you want to learn, then press key. P C receives the IR signal and will display the status of learning result.

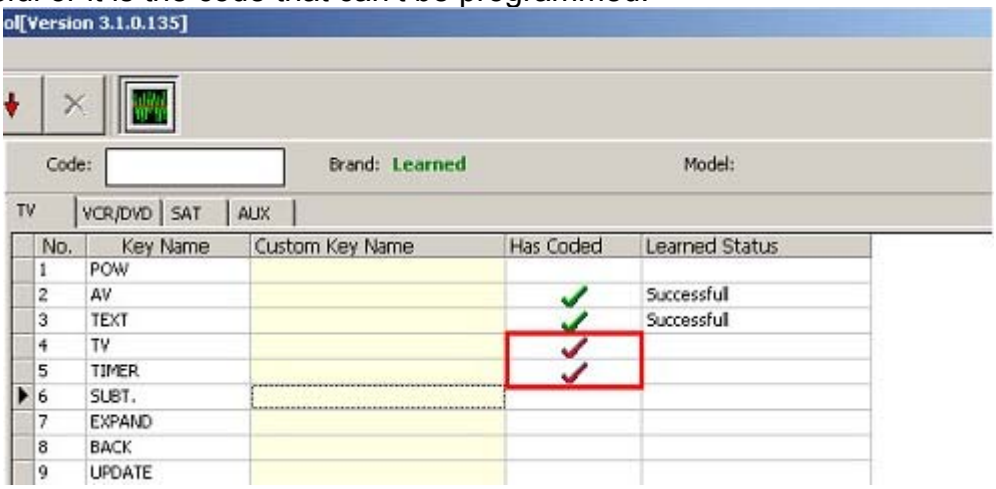
4) Exit learning mode: Press again, then popup a message window as below.



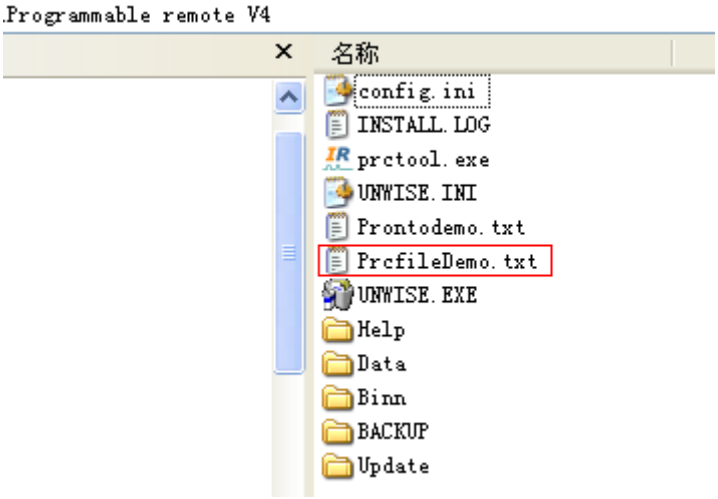
After unplug the USB cable, plea se remember to press the key for one time then plug the USB cable to PC again.



If learning result display below photo, r ed rectangle, it means the learning is not successful or it is the code that can't be programmed.



The learning result can be output to hard disk. Let us see the sample result in instal l directory ..\Programmable remote V3 or ..\Programmable remote V4,



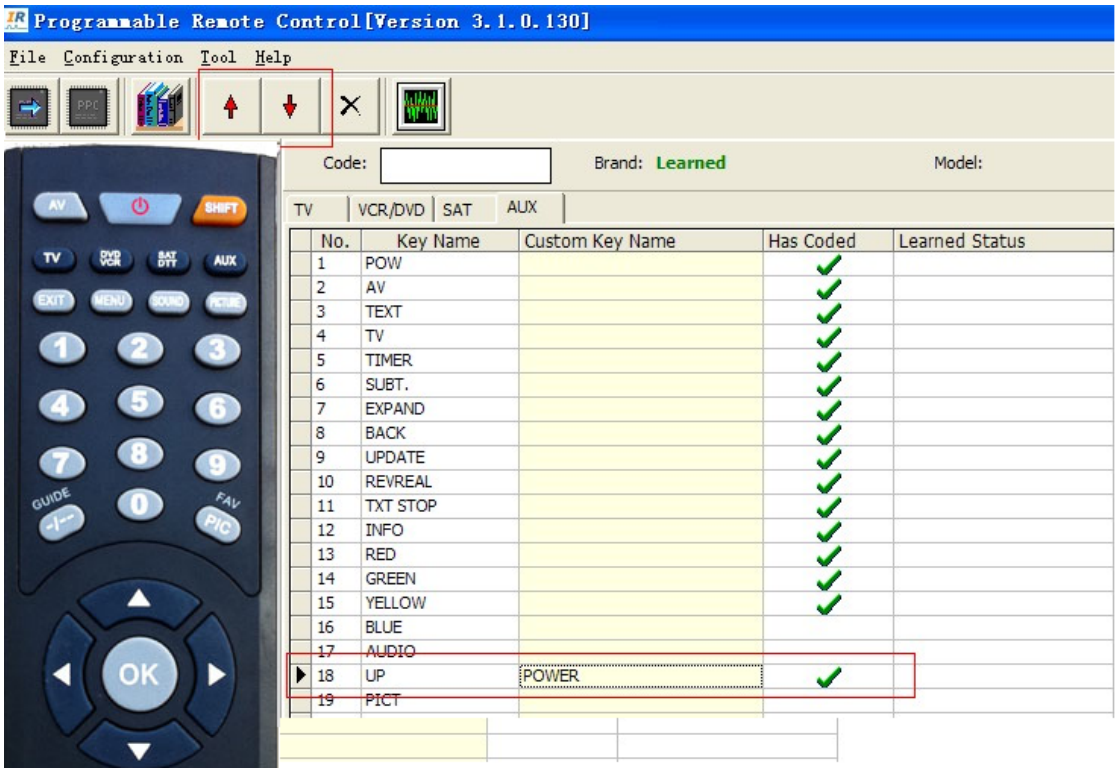
Open it, its content is as below photo.

```
FileFormat=PRCTOOL
Remote control describe=:
  Device=PC
  Brand=UnkownBrand
  Model=33

Button's counts=4
0,POW=0031 47 0
6,1=0040 47 8
7,2=0040 47 10
8,3=A881 001E 0022 0000 00FF 000709 0135 0002EA
0135 0002EA 0135 0002EA 00FF 000709 0135 0002EA
0135 0002EA 00FF 000709 0135 0002EA 0135 0002EA
00FF 000709 00FF 000709 0135 0002EA 0135 0002EA
0138 00548A 00FF 000709 00FF 000709 00FF 000709
0135 0002EA 0135 0002EA 0135 0002EA 00FF 000709
0135 0002EA 0135 0002EA 00FF 000709 0135 0002EA
0135 0002EA 00FF 000709 00FF 000709 0135 0002EA
0135 0002EA 0138 00548A
14,7=0040 47 30
```

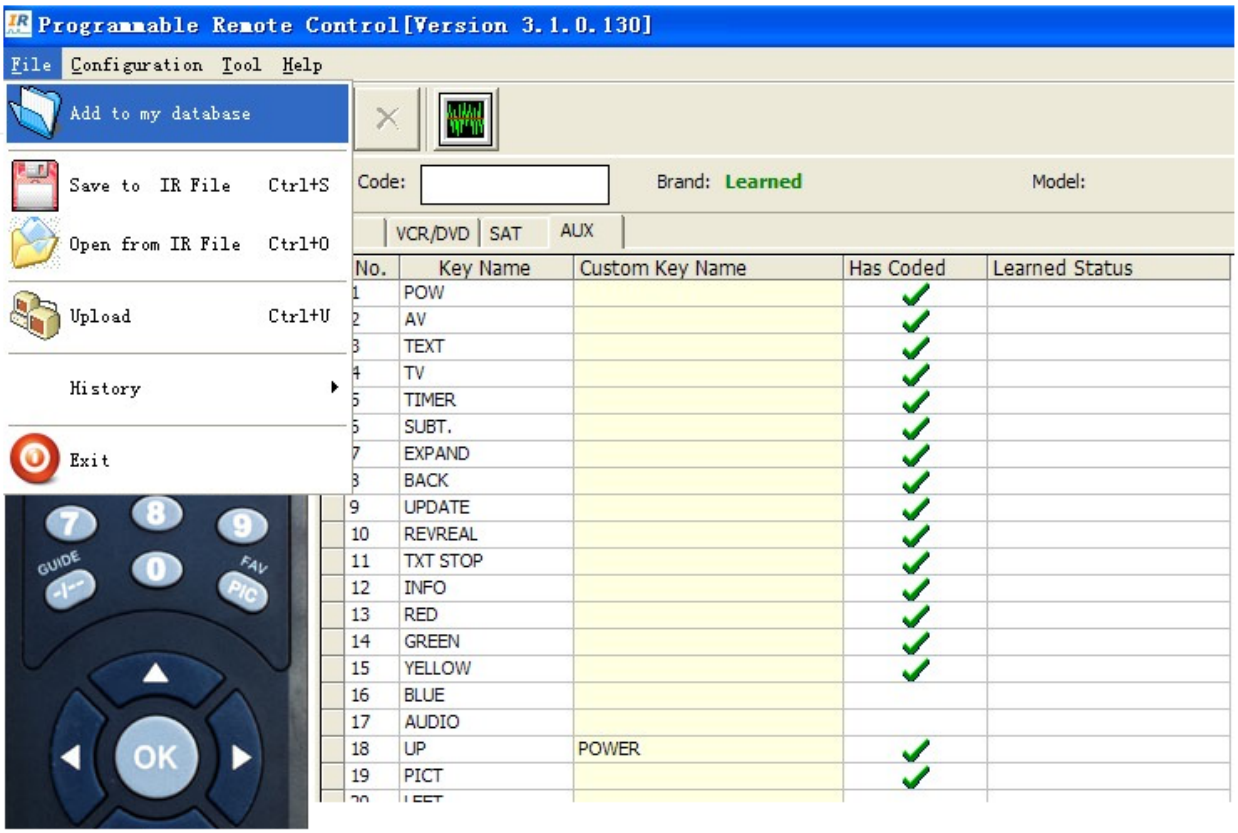
This result in rectangle is a kind of IR wave data, which should be processed then can be programmed into USB remote control. Fo r more detail, please browse supplier's website or remote control data center.

(1) Key code adjust

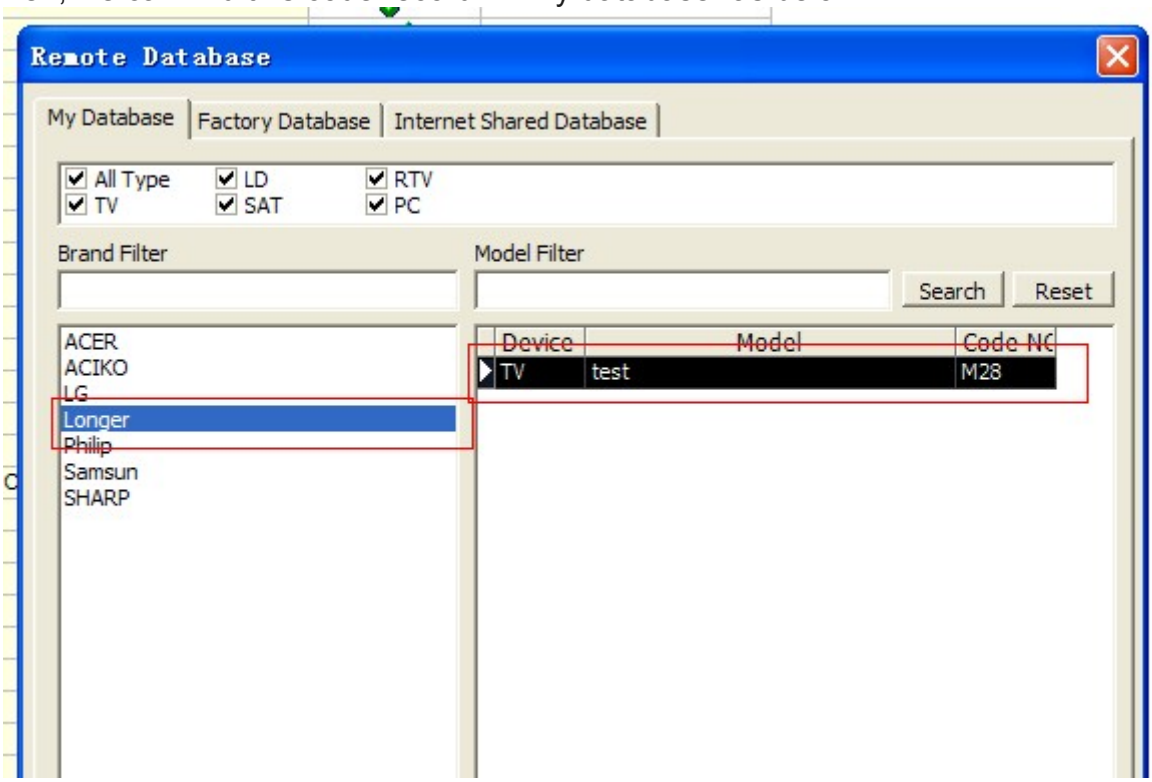


You can add or edit a custom key name, then press "up" and "down" arrow button, that means you adjust the code position.

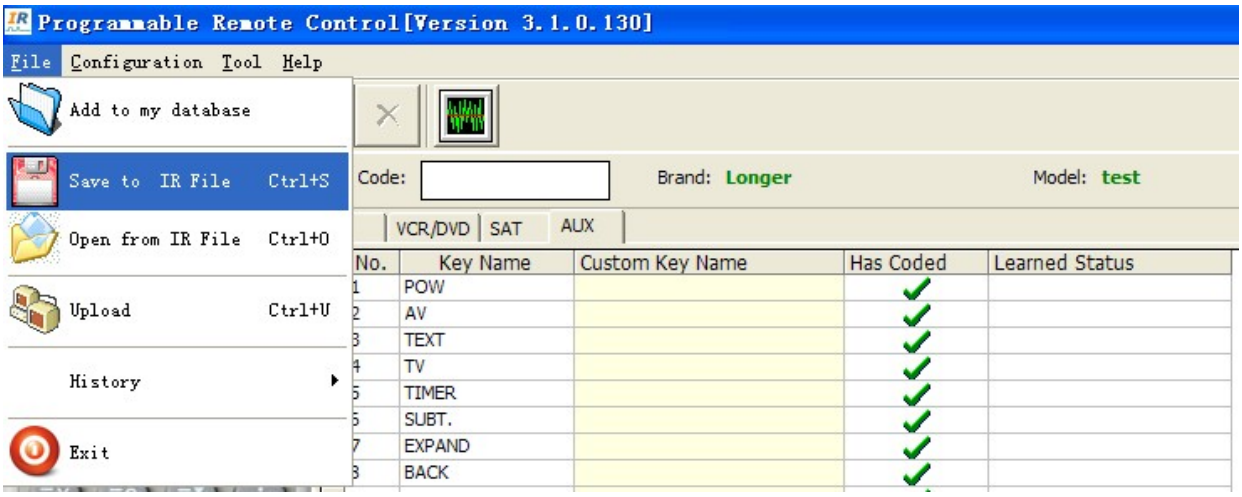
(2) Store to my database

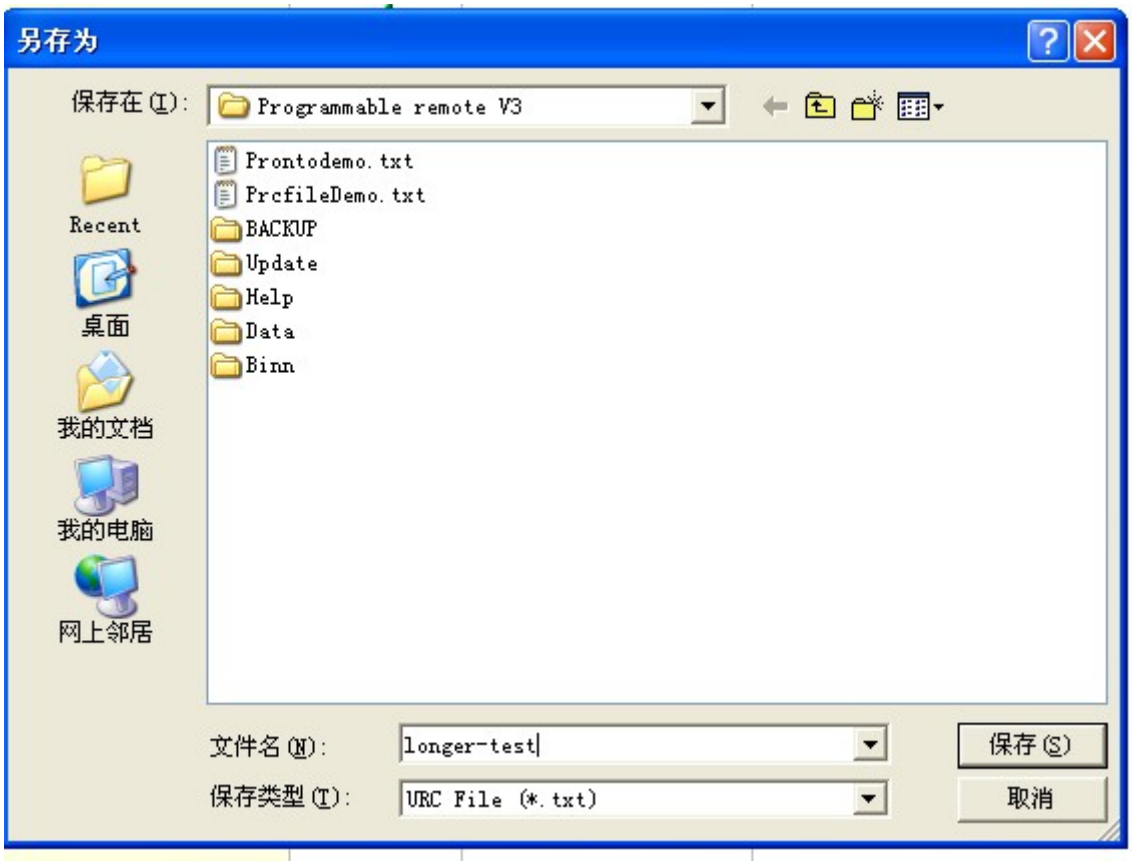


Then, we can find this code record in "My database" as below.

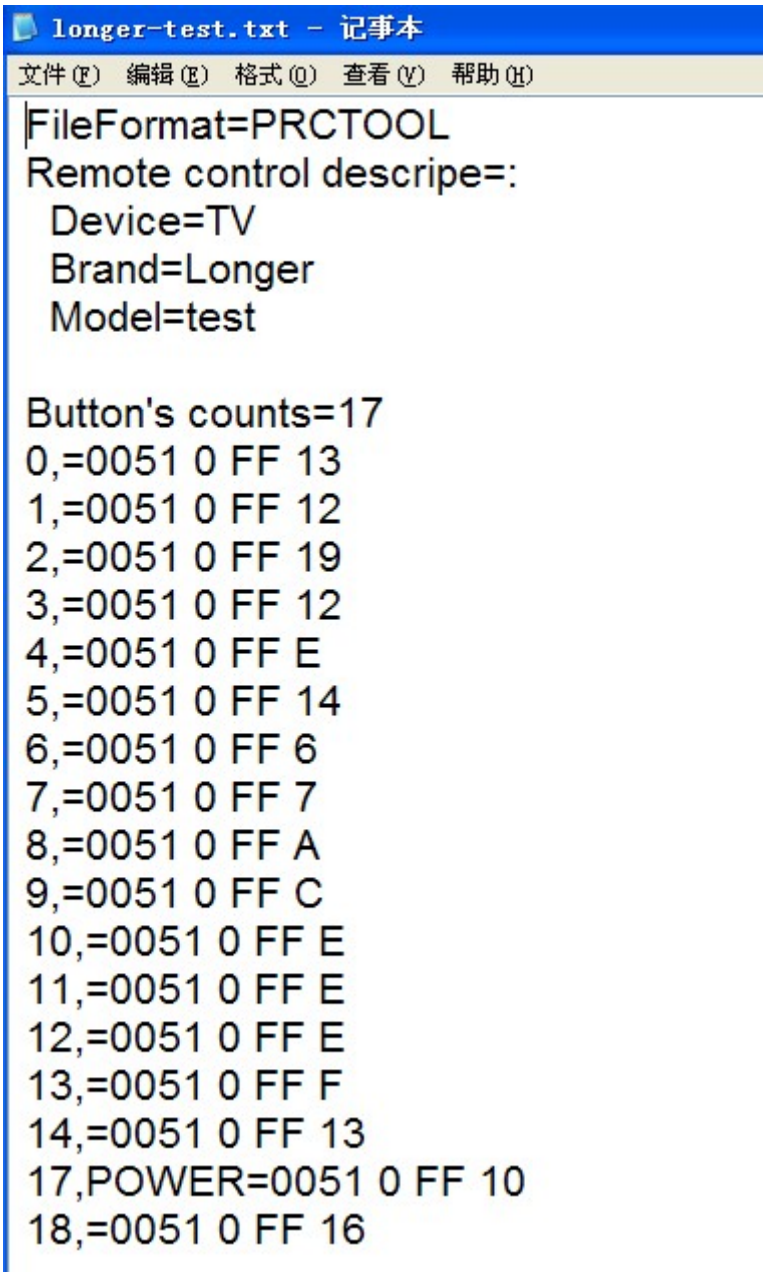


(3) Output to PC hard disk





Then you can find the Longer-test.txt file in harddisk. Let's open this txt file, we can see as below.


longer-test.txt - 记事本
文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)
FileFormat=PRCTOOL
Remote control descripe=:
Device=TV
Brand=Longer
Model=test
Button's counts=17
0,=0051 0 FF 13
1,=0051 0 FF 12
2,=0051 0 FF 19
3,=0051 0 FF 12
4,=0051 0 FF E
5,=0051 0 FF 14
6,=0051 0 FF 6
7,=0051 0 FF 7
8,=0051 0 FF A
9,=0051 0 FF C
10,=0051 0 FF E
11,=0051 0 FF E
12,=0051 0 FF E
13,=0051 0 FF F
14,=0051 0 FF 13
17,POWER=0051 0 FF 10
18,=0051 0 FF 16

Code search

If you only know device type (TV,DVD,...), d on't know brand name, model name, you can use this function to search the code. Wh en you meet a device, you are not able to find its remote or replacement, please try this function, maybe it can help you.

How to use this function?

It is very simple. Please connect USB remote to PC and put toward your device.

There are 3 kinds of code search function. Key code search, transmitting search and learning search.

1) Key code search

It can be used to search the database to match selected or assigned remote control. See photo below.

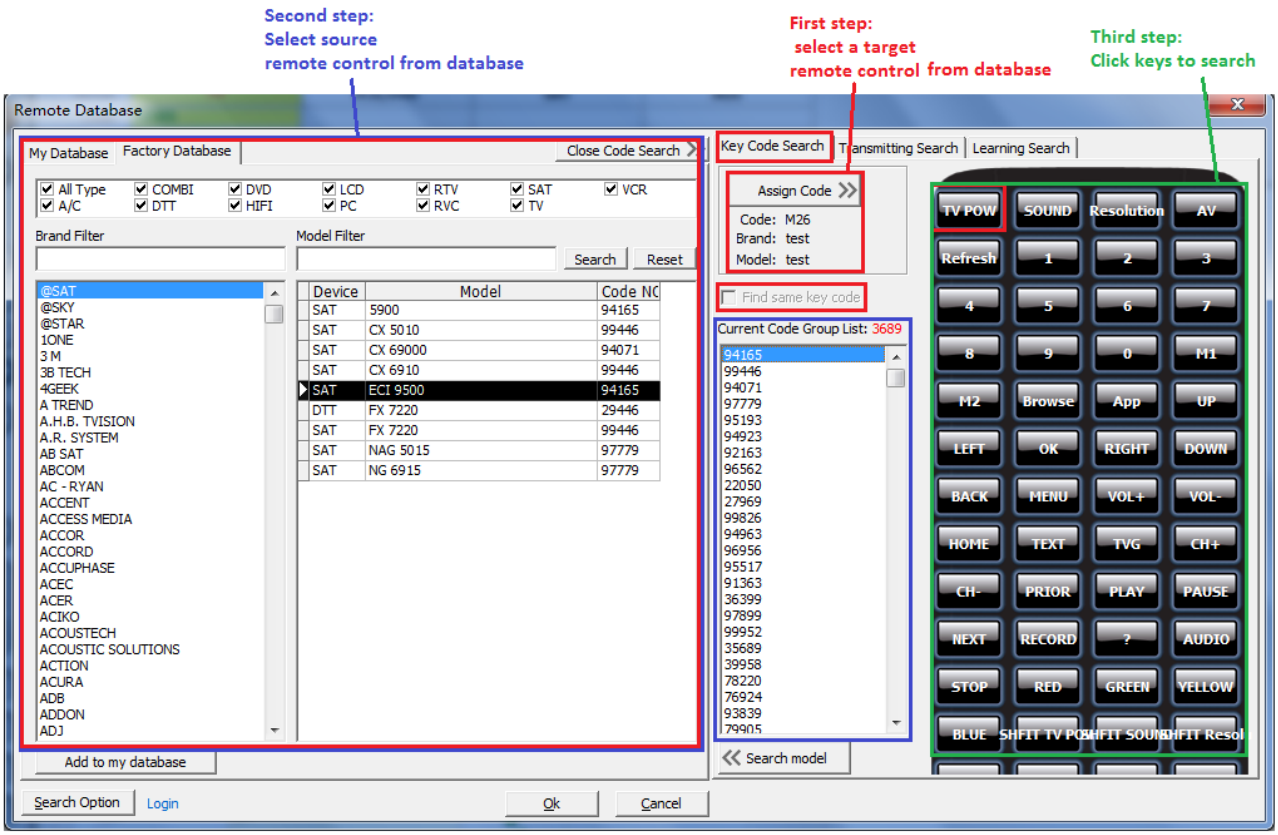
First step: select a target remote control from "my database" or "system database".

Then click "Assign code" to select this code to right remote control map.

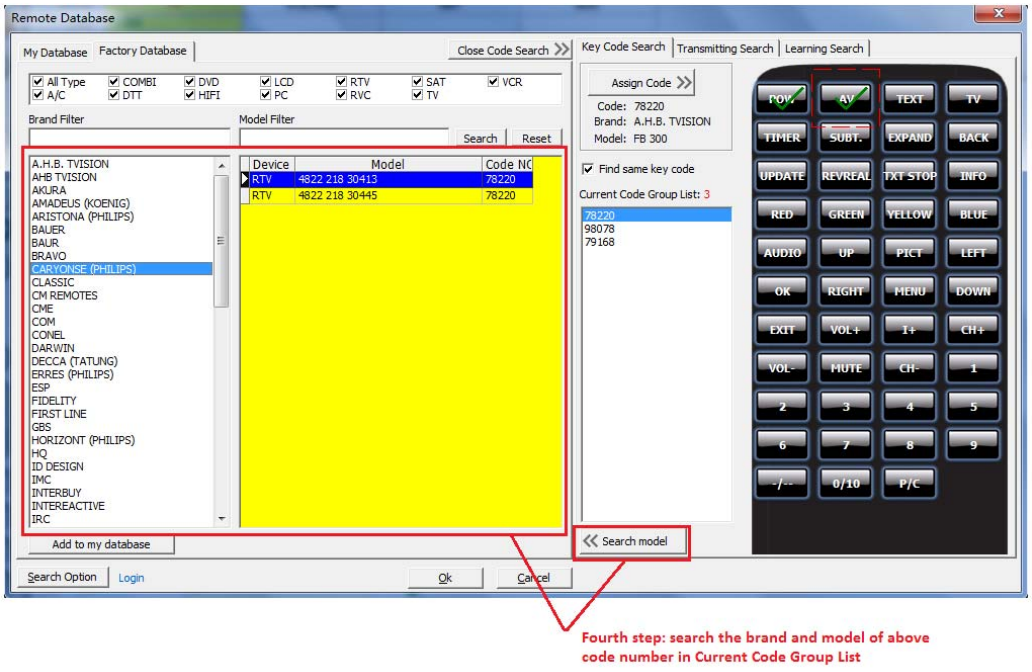
Second step: select source remote control range from "my database" or "system database". You can enter key words of brand or model to limit the range. After selecting, the searched key code number will appear in "Current Code Group List: ". The quantity display beside.

Third step: Click the key in right remote control map and double click to search the key to

match in the code range in " Current Code Group List ". The searching result also displayed in this list.

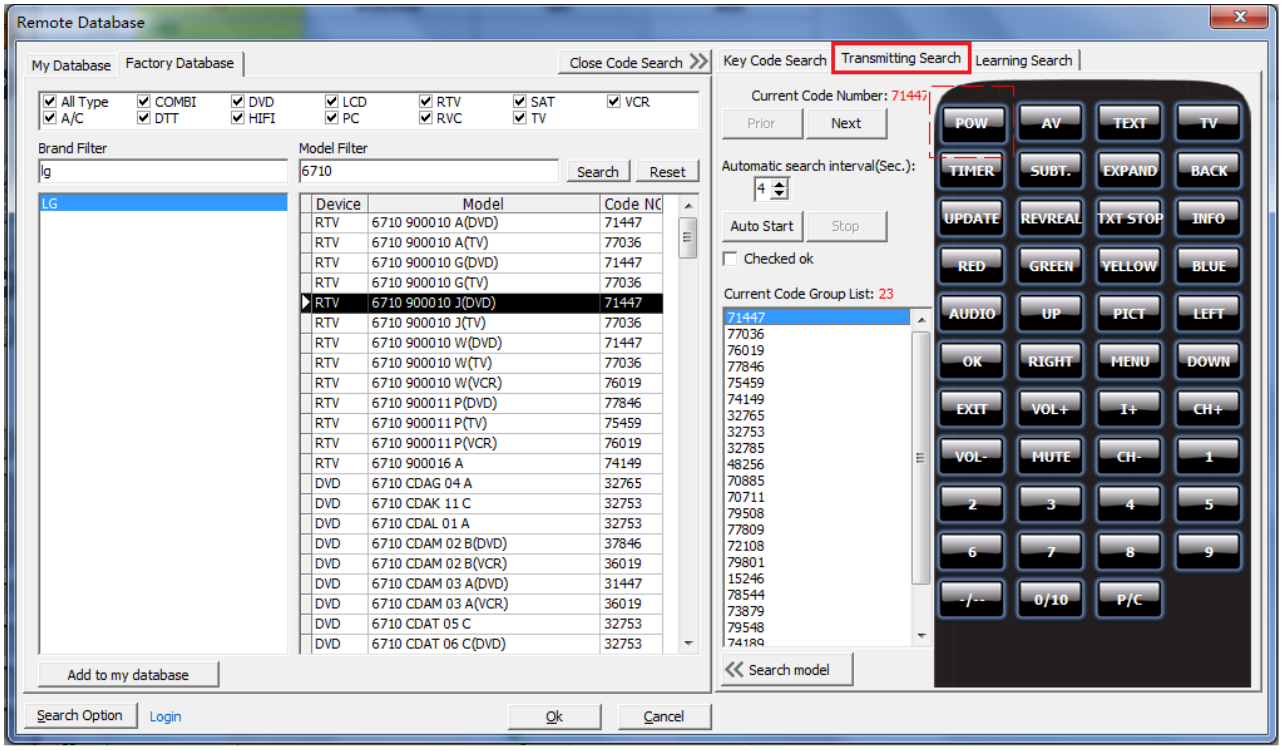


Fourth step: After finding the correct code by click to search key code, click "Search Model" to search brand and model which have same code number in "Current Code Group List".


Remote Database
Assign Code
Code: 78220
Brand: A.H.B. TVISION
Model: FB 300
Current Code Group List: 3
Search model
Fourth step: search the brand and model of above code number in Current Code Group List

2) Transmitting search

Search the code by transmitting key code in database from PC directly. See below photo.



First step: select the source remote control range. For example, enter "LG" brand and "6710" model key words. The result is listed. In the meantime, the code numbers of these remote control are listed in "Current Code Group List". The first code number of remote control key name is displayed in right remote control map.

Second step: Click one key name to select the key to transmit key code by USB remote control directly. Before transmitting, the device has to be prepared and power on. USB remote control has to be put toward the device.

If the device can be controlled, try other keys. If the device isn't controlled, try next code number by clicking "Next" button or "Start" button to transmit IR codes automatically. When the device is controlled, click "Stop" button to stop the auto transmitting.(Setup the interval time between 2 codes, 4-9 seconds).

After finding one code number with the selected key name, select "Checked OK". Then select other key name to repeat this second step.

Third step: After finding the correct code key code, click "Search Model" to search brand and model which have same code number in "Current Code Group List".

3) Learning search

Search the code in database by learning. See below photo.

First step: select the source remote control range. For example, enter "LG" brand and "6710" model key words. The result is listed. In the meantime, the code numbers of these remote control are listed in "Current Code Group List". The first code number of remote control key name is displayed in left remote control map.

Second step: Click one key name to select the key to be matched or searched. Put the other remote control toward the USB remote control in direct line, leaving 2-10CM. Press the key of other remote control with the same key name as the remote control map. The learning search result is listed in "Current Code Group List". After one key learning search, repeat this second step to search other key.

Third step: After finding the correct code key code, click "Search Model" to search brand and model which have same code number in "Current Code Group List".

Someskills

1) Reset to factory setting
Fill in “test” in the brackets, then program to remote control.
2) Test if the programmed code into remote is correct.
In order to test if the remote is fine, please follow below instruction.

a) Reset to factory setting

b) Restart software and make sure the key table is blank.

c) Use “Code Learn”(Item 5) to learn each key code to key table.

d) Save to IR file. Refer to Item 5-5) output to PC hard di sk. Name its file to be “Test-new.txt”

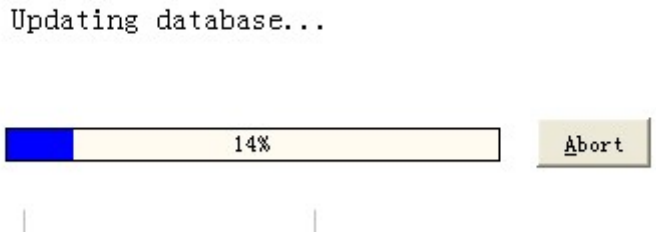
e) Identify (Read) the remote code, or save “T est” code into PC file, also name it to be “Test.txt”.

f) open “text.txt” and “Text-new.txt”, compare its conte nt, check if the key codes inside is same.

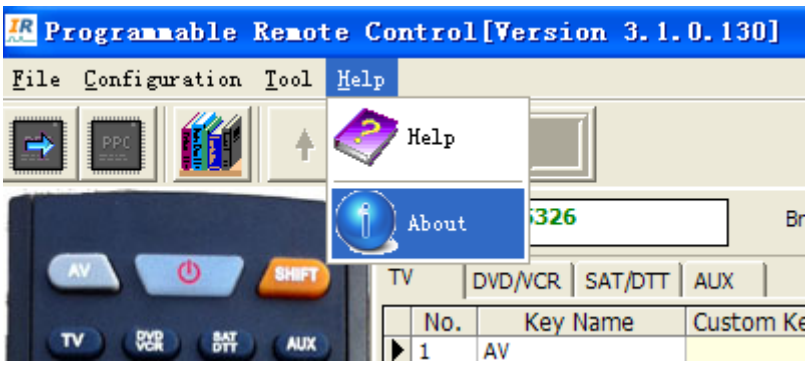
(Note: Above is only an example. User can use other codes to test and compare. This method is either to test remote control, or to test the content inside the remote)

Others

1) Updating

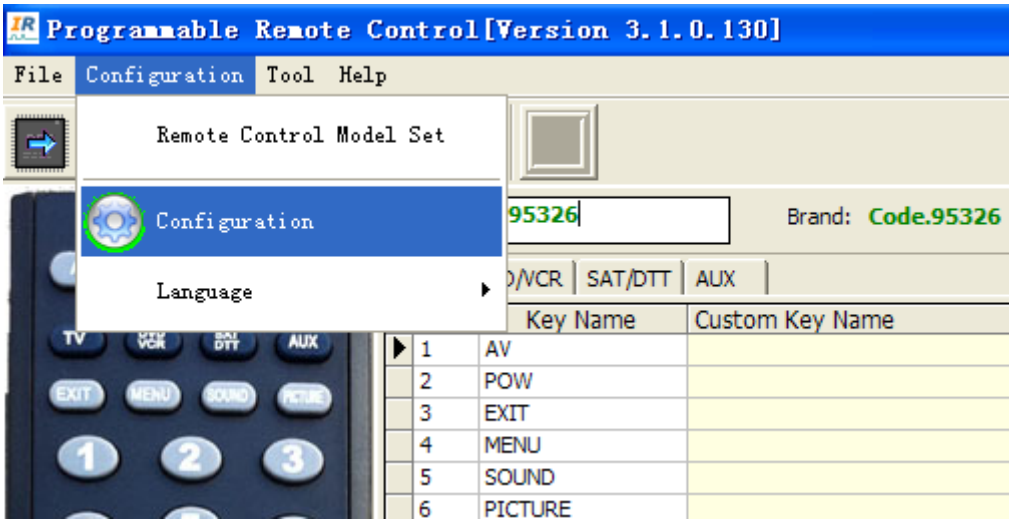


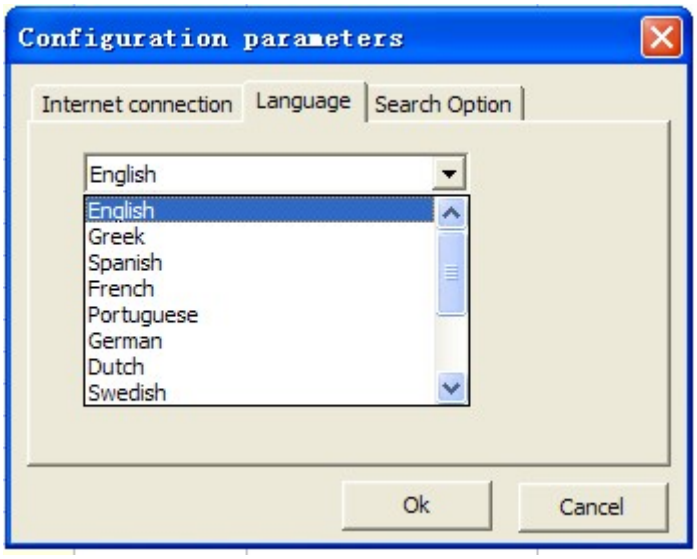
2) About



3) Language

Programmable Remote Control[Version 3.1.0.130][Version 3.1.0
File
Configurazione
Tool
Guida
Modello di controllo remoto Set
Configurazione
Lingua
Marca:
Code.95326
Inglese
Greco
Spagnolo
Francese
Portoghese
Tedesco
Olandese
Svedese
Finlandese
Ungherese
Turco
Italiano
Rumeno
1 AV
2 POW
3 EXIT
4 MENU
5 SOUND
6 PICTURE
7 1
8 2
9 3
10 4
11 5
12 6
13 7
14 8
15 9
16 -/--
17 0
18 PIC
19 UP
20 LEFT
21 OK
22 RIGHT
23 DOWN
24 VOL+
25 VOL-
26 CH-
27 CH+
OK
VOL+
VOL-
CH+
CH-
MUTE
TEXT
BLACK

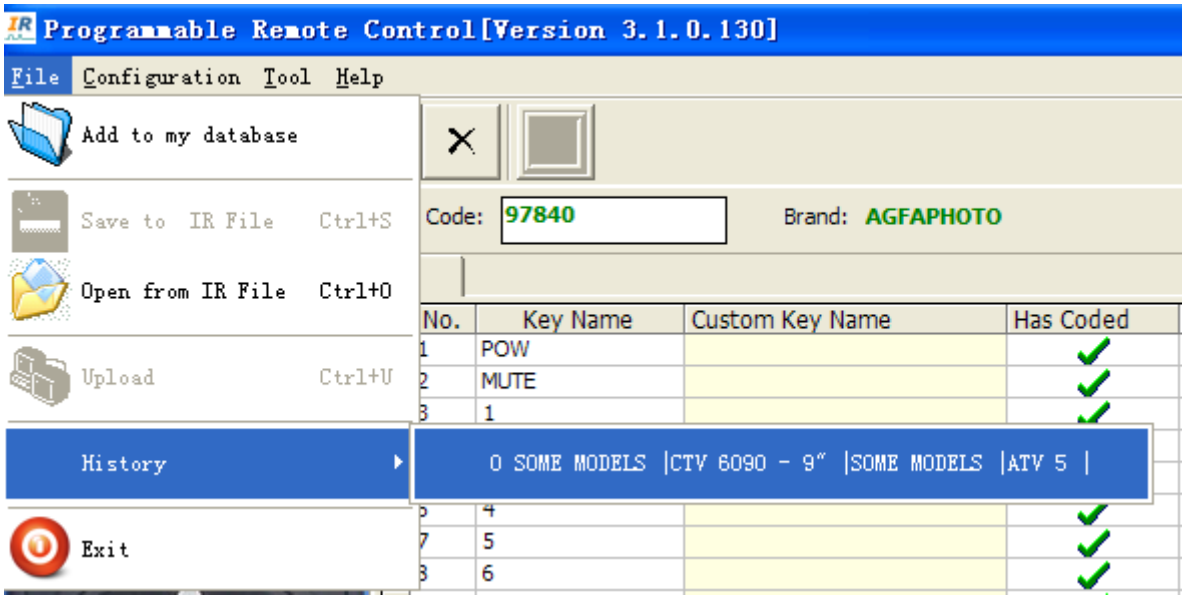




4) Internet proxy setting

Only when updating, PC is needed to connect in ternet. If no proxy is set, it uses direct mode to connect web server. Otherwise, it needs to be set proxy parameter.

5) History



6) Help